

## AMENDMENTS TO THE CLAIMS

- 1 1. (Currently amended) A molding material used to manufacture commercial
- 2 products, the molding material comprises:
  - 3 (a) a plurality of recycled scrap tire particles, substantially free from wire and
  - 4 steel, having a surface area in the range of  $\frac{3}{4}$  inch minus and less;
  - 5 (b) a plurality of recycled plastic flakes having a surface area; and
  - 6 (c) a bonding agent that coats substantially all of said surface areas of said tire
  - 7 particles and said plastic flakes,
- 8 wherein combination of said recycled scrap tire particles having different
- 9 surface areas, said recycled plastic flakes having different surface areas, and
- 10 said bonding agent results in a molding material that can be used to make a
- 11 strong, substantially rigid, and durable product.
- 1 2. (Original) The molding material of claim 1, wherein 50% of said recycled scrap
- 2 tire particles having about a  $\frac{3}{4}$  inch surface area; 30% of said recycled scrap tire
- 3 particles having about a  $\frac{1}{2}$  inch surface area; 10% of said recycled scrap tire
- 4 particles having about a  $\frac{1}{4}$  inch surface area; and 10% of said recycled scrap tire
- 5 particles having about a 10/30 mesh surface area.
- 1 3. (Currently amended) The molding material of claim 2, wherein 50% of said
- 2 recycled plastic flakes have a surface area of about a  $\frac{1}{4}$  inch and 50% of said
- 3 recycled plastic flake have a surface area of about 1/8 inch.
- 1 4. (Original) The molding material of claim 3, wherein said recycled tire particles
- 2 are in the range of 65% to 80% of the overall weight of the molding material.

1 5. (Original) The molding material of claim 4, wherein said bonding agent is in  
2 the range of 10 to 18 percent of the total weight of the molding material.

1 6. (Currently amended) A process for preparing a molding material comprising  
2 the step of:

3 (a) providing a plurality of recycled scrap tire particles, substantially free  
4 from wire and steel, having a surface area in the range of  $\frac{3}{4}$  inch minus and  
5 less;

6 (b) providing a plurality of recycled plastic flakes having a surface area;

7 (c) providing a bonding agent that coats substantially all of said surface areas  
8 of said tire particles and said plastic flakes; and

9 (d) mixing said recycled scrap tire particles with different surface areas, said  
10 recycled plastic flakes with different surface areas, and said bonding agent  
11 to produce a molding material that can be used to make a strong,  
12 substantially rigid, and durable product.

1 7. (New) The process of Claim 6, wherein 50% of said recycled scrap tire particles  
2 having about a  $\frac{3}{4}$  inch surface area; 30% of said recycled scrap tire particles  
3 having about a  $\frac{1}{2}$  inch surface area; 10% of said recycled scrap tire particles  
4 having about a  $\frac{1}{4}$  inch surface area; and 10% of said recycled scrap tire particles  
5 having about a 10/30 mesh surface area.

1 8. (New) The process of Claim 6, wherein 50% of said recycled plastic flakes  
2 have a surface area of about a  $\frac{1}{4}$  inch and 50% of said recycled plastic flake  
3 have a surface area of about 1/8 inch.

- 1 9. (New) The process of Claim 6, wherein said recycled tire particles are in the
- 2 range of 65% to 80% of the overall weight of the molding material
  
- 1 10. (New) The process of Claim 6, wherein said bonding agent is in the range of 10
- 2 to 18 percent of the total weight of the molding material.